

Converting Colors

Hex(C30331)

Have a look what the booklet for
Hex(C30331) contains.

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Color

Hex(C30331)

Conversions

Conversions Part 1

Format	Color
Hex	C30331
RGB	195, 3, 49
RGB Percent	76%, 1%, 19%
CMY	0.2353, 0.9882, 0.8078
CMYK	0.00, 0.98, 0.75, 0.24
HSL	346°, 97%, 39%
HSV	346°, 98%, 76%
XYZ	23.0926, 11.8890, 3.9834
YIQ	65.6520, 99.6660, 55.0100

Conversions

Conversions Part 2

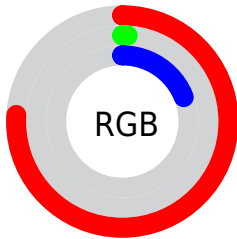
Format	Color
RYB	195, 3, 49
Decimal	12780337
CIELab	41.04, 66.14, 31.95
CIELCh	41, 73.450, 25.784
Yxy	11.8890, 0.5927, 0.3051
Android (android.graphics.Color)	4290970417 (0xFFC30331)
YUV	65.6520, -8.2094, 113.4382
Hunter-Lab	34.4804, 59.2064, 17.2867

Details

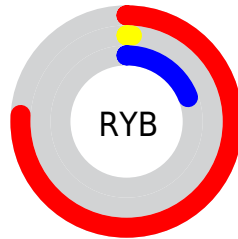
The Hex color **C30331** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **03C395**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FF555F**, and **840005** is the 20% darker color. If you saturate the color by 10%, you get **C3002F**, and if you desaturate by 10%, it is **C31640**.

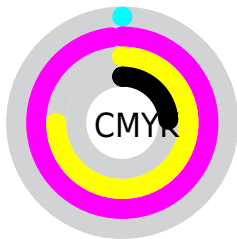
Distribution



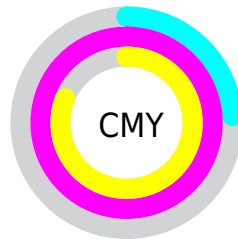
- Red (76%)
- Green (1%)
- Blue (19%)



- Red (76%)
- Yellow (1%)
- Blue (19%)



- Cyan (0%)
- Magenta (98%)
- Yellow (75%)
- Black (24%)



- Cyan (24%)
- Magenta (99%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color C30331 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C30331 by changing the saturation by 10% instead.

 C30331

 C30331

FFFFFF

 A3001C

 FF555F

 840005

 FF7278

 650000

 FF8F92

 480003

 FFACAC

 290001

 FFC9C7

 000000

 FFE7E3

 C30331

 C30331

 C3002F

 C31640

 C32A4F

 C33D5D

 C3516C

 C3647B

 C3788A

 C38B99

 C39FA8

 C3B3B6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C2006C



C30331



A93E00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C30331



007510



006CDB

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C30331



03C395

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0076C5



C30331



007956

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C30331



436C00



007994



3B55CF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C30331



8E5400



007994



0070D7

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C30331



FCB1C3



9303C3



80525D



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C30331



FC003C



C33303



61575A



A10026



210008

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C30331



FC003C



0393C3



61575A



A10026



210008

Previews

White Background



This preview shows how the Hex color C30331 looks on a white background.

Color Contrast Check

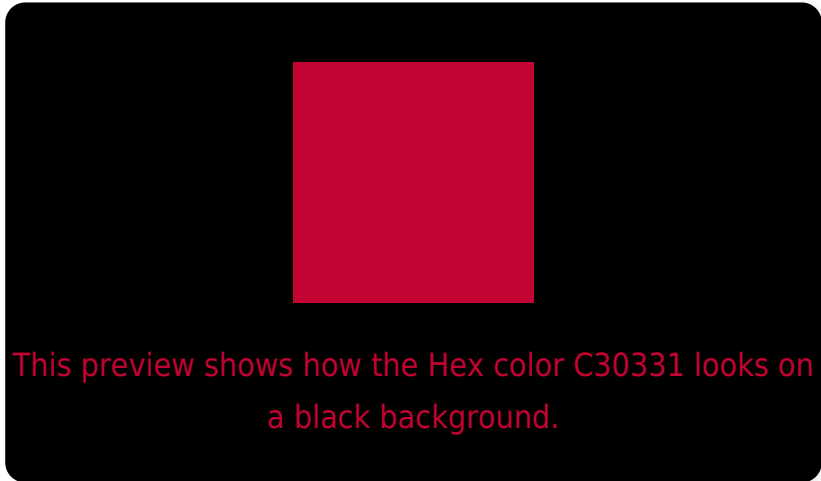
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C30331 Background



This preview shows how black text looks on a background with the Hex color C30331.

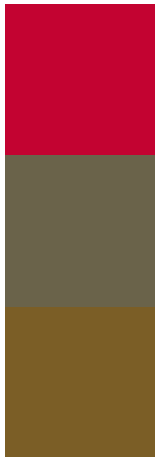


This preview shows how white text looks on a background with the Hex color C30331.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

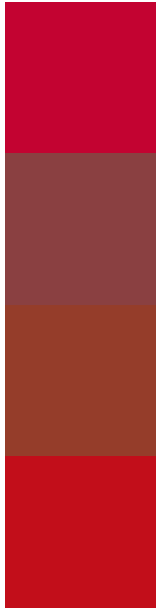


Original Color
C30331

Protanopia
6A634A

Deuteranopia
7B5E26

Trichromacy



Original Color
C30331

Protanomaly
8A4041

Deuteranomaly
953D2A

Tritanomaly
C20E1A

Monochromacy



Original Color
C30331

Achromatopsia
424242

Achromatomaly
712B3C

CSS Examples

Text

The CSS property to change the color of the text to Hex C30331 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C30331 looks like.

```
.text, #text, p{  
    color:#C30331  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C30331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C30331
}
```

Border

The CSS property to change the border of an element to Hex C30331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

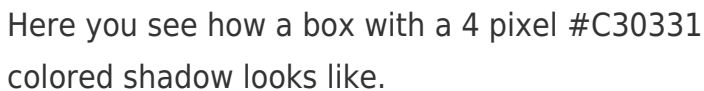
```
.border, #border, table{ border:4px solid
#C30331 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C30331 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C30331 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C30331; -webkit-box-shadow:4px 4px  
4px 4px #C30331; box-shadow:4px 4px 4px  
4px #C30331 }
```

Background

The CSS property to change the background color of an element to Hex C30331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C30331 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C30331 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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